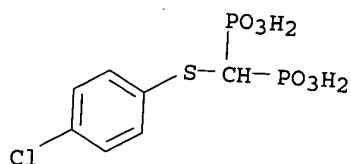


L9 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 186522-18-9 REGISTRY  
 CN Phosphonic acid, [[[4-chlorophenyl]thio]methylene]bis-, disodium salt, tetrahydrate (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN **Tiludronate disodium tetrahydrate**  
 MF C7 H9 Cl O6 P2 S . 4 H2 O . 2 Na  
 SR CA  
 LC STN Files: CA, CAPLUS, USPATFULL  
 CRN (89987-06-4)

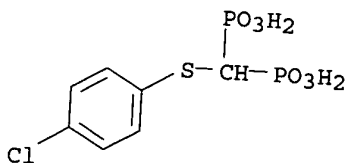


● 2 Na

● 4 H<sub>2</sub>O

2 REFERENCES IN FILE CA (1937 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L9 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 155453-10-4 REGISTRY  
 CN Phosphonic acid, [[[4-chlorophenyl]thio]methylene]bis-, disodium salt, hydrate (2:1) (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN **Tiludronate disodium hemihydrate**  
 MF C7 H9 Cl O6 P2 S . 1/2 H2 O . 2 Na  
 SR CA  
 LC STN Files: CA, CAPLUS, DRUGPAT, DRUGUPDATES, MRCK\*, USPATFULL  
 (\*File contains numerically searchable property data)  
 CRN (89987-06-4)



● 2 Na

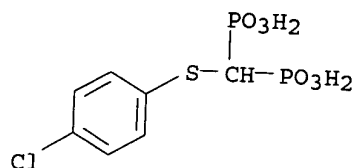
● 1/2 H<sub>2</sub>O

3 REFERENCES IN FILE CA (1937 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L9 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 155453-09-1 REGISTRY  
CN Phosphonic acid, [[[4-chlorophenyl]thio]methylene]bis-, disodium salt, monohydrate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **Tiludronate disodium monohydrate**  
MF C7 H9 Cl O6 P2 S . H2 O . 2 Na  
SR CA  
LC STN Files: CA, CAPLUS, DRUGPAT, DRUGUPDATES, USPATFULL  
CRN (89987-06-4)



● 2 Na

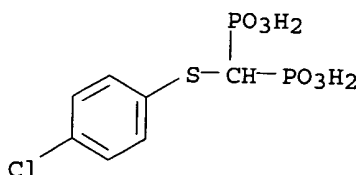
● H<sub>2</sub>O

4 REFERENCES IN FILE CA (1937 TO DATE)  
4 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L9 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 149845-07-8 REGISTRY  
CN Phosphonic acid, [[[4-chlorophenyl]thio]methylene]bis-, disodium salt (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **Disodium tiludronate**  
CN Skelid  
CN SR 41319B  
CN SR 41319G  
CN **Tiludronate disodium**  
MF C7 H9 Cl O6 P2 S . 2 Na  
SR US Adopted Names Council  
LC STN Files: ADISINSIGHT, ADISNEWS, BEILSTEIN\*, BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CIN, DIOGENES, DRUGPAT, DRUGUPDATES, IPA, MRCK\*, PROMT, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
CRN (89987-06-4)



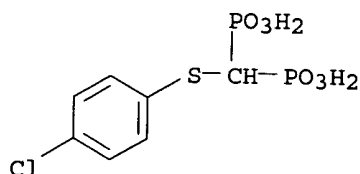
●2 Na

19 REFERENCES IN FILE CA (1937 TO DATE)  
 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 19 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L9 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 89987-06-4 REGISTRY  
 CN Phosphonic acid, [[(4-chlorophenyl)thio]methylene]bis- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN 4-Chlorophenylsulfanylmethylenebisphosphonic acid  
 CN ACPMD  
 CN Cl TMBP  
 CN ME 3737  
 CN SR 41319  
 CN **Tiludronate**  
 CN Tiludronic acid  
 FS 3D CONCORD  
 DR 96538-83-9  
 MF C7 H9 Cl O6 P2 S  
 CI COM  
 LC STN Files: ADISINSIGHT, ADISNEWS, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CHEMCATS, DDFU, DIOGENES, DRUGNL, DRUGPAT, DRUGU, DRUGUPDATES, EMBASE, IPA, MEDLINE, MRCK\*, PHAR, PROMT, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: WHO



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

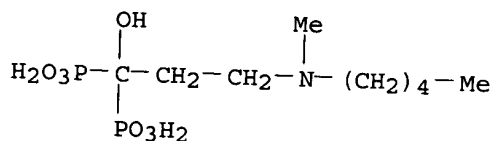
184 REFERENCES IN FILE CA (1937 TO DATE)  
 12 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 185 REFERENCES IN FILE CAPLUS (1937 TO DATE)

=> d 110 1-3

L10 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 138926-19-9 REGISTRY  
 CN Phosphonic acid, [1-hydroxy-3-(methylpentylamino)propylidene]bis-, monosodium salt, monohydrate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN BM 21.0955Na.H2O  
 CN **Ibandronate sodium monohydrate**  
 MF C9 H23 N O7 P2 . H2 O . Na  
 SR CAS Registry Services  
 LC STN Files: ADISINSIGHT, BIOTECHNO, CA, CAPLUS, DRUGPAT, DRUGUPDATES, EMBASE, MRCK\*, SYNTHLINE, USAN, USPATFULL  
 (\*File contains numerically searchable property data)  
 CRN (114084-78-5)



● Na

● H<sub>2</sub>O

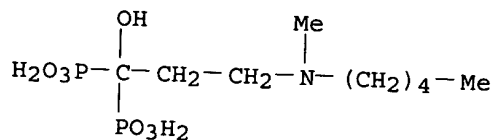
5 REFERENCES IN FILE CA (1937 TO DATE)

5 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L10 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 138844-81-2 REGISTRY  
 CN Phosphonic acid, [1-hydroxy-3-(methylpentylamino)propylidene]bis-, monosodium salt (9CI) (CA INDEX NAME)

OTHER NAMES:

CN BM 21.0955  
 CN BM 21.0955Na  
 CN Bondronat  
 CN Bonviva  
 CN **Ibandronate sodium**  
 MF C9 H23 N O7 P2 . Na  
 SR CA  
 LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CIN, DDFU, DRUGPAT, DRUGU, DRUGUPDATES, EMBASE, MRCK\*, PROMT, SYNTHLINE, TOXCENTER, USPATFULL  
 (\*File contains numerically searchable property data)  
 CRN (114084-78-5)



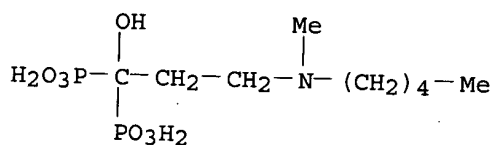
● Na

21 REFERENCES IN FILE CA (1937 TO DATE)

21 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L10 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN

RN 114084-78-5 REGISTRY  
 CN Phosphonic acid, [1-hydroxy-3-(methylpentylamino)propylidene]bis- (9CI)  
 (CA INDEX NAME)  
 OTHER NAMES:  
 CN **Ibandronate**  
 CN Ibandronic acid  
 CN [1-Hydroxy-3-(methylpentylamino)propylidene]diphosphonic acid  
 FS 3D CONCORD  
 MF C9 H23 N O7 P2  
 CI COM  
 SR CA  
 LC STN Files: ADISINSIGHT, ADISNEWS, ANABSTR, BIOSIS, BIOTECHNO, CA,  
 CANCERLIT, CAPLUS, CASREACT, CBNB, CEN, CIN, DDFU, DRUGNL, DRUGPAT,  
 DRUGU, DRUGUPDATES, EMBASE, IPA, MEDLINE, MRCK\*, PHAR, PROMT, SYNTHLINE,  
 TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: WHO

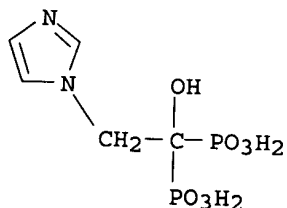


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

210 REFERENCES IN FILE CA (1937 TO DATE)  
 14 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 211 REFERENCES IN FILE CAPLUS (1937 TO DATE)

=> d 111 1-2

L11 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 165800-06-6 REGISTRY  
 CN Phosphonic acid, [1-hydroxy-2-(1H-imidazol-1-yl)ethylidene]bis-,  
 monohydrate (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN **Zoledronic acid hydrate**  
 MF C5 H10 N2 O7 P2 . H2 O  
 SR US Adopted Names Council  
 LC STN Files: BIOTECHNO, CA, CAPLUS, CBNB, EMBASE, IPA, MRCK\*, SYNTHLINE,  
 TOXCENTER, USAN, USPATFULL  
 (\*File contains numerically searchable property data)  
 CRN (118072-93-8)



● H<sub>2</sub>O

1 REFERENCES IN FILE CA (1937 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L11 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 118072-93-8 REGISTRY  
CN Phosphonic acid, [1-hydroxy-2-(1H-imidazol-1-yl)ethylidene]bis- (9CI) (CA INDEX NAME)

OTHER NAMES:

CN (1-Hydroxy-2-imidazol-1-ylethylidene)diphosphonic acid  
CN 1-Hydroxy-2-(1H-imidazol-1-yl)ethylidene-1,1-bisphosphonic acid  
CN CGP 42446  
CN Zoledronate  
CN **Zoledronic acid**

CN Zometa

FS 3D CONCORD

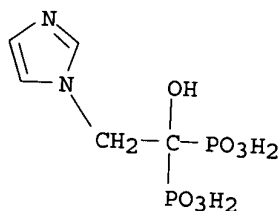
MF C5 H10 N2 O7 P2

CI COM

SR CA

LC STN Files: ADISINSIGHT, ADISNEWS, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CEN, CIN, DDFU, DIOGENES, DRUGNL, DRUGPAT, DRUGU, DRUGUPDATES, EMBASE, IPA, MEDLINE, MRCK\*, PHAR, PROMT, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL

(\*File contains numerically searchable property data)  
Other Sources: WHO



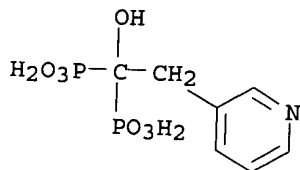
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

192 REFERENCES IN FILE CA (1937 TO DATE)  
10 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
194 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L8 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 439134-66-4 REGISTRY  
CN Phosphonic acid, [1-hydroxy-2-(3-pyridinyl)ethylidene]bis-, monohydrate  
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN **Risedronate monohydrate**  
CN [1-Hydroxy-1-phosphono-2-(pyridinium-3-yl)ethyl]phosphonate monohydrate  
MF C7 H11 N O7 P2 . H2 O  
SR CA  
LC STN Files: CA, CAPLUS  
CRN (105462-24-6)



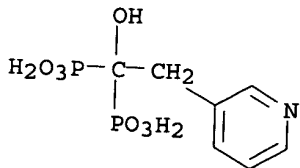
● H<sub>2</sub>O

2 REFERENCES IN FILE CA (1937 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1937 TO DATE)

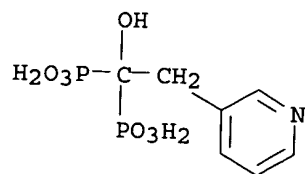
L8 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 115436-72-1 REGISTRY  
CN Phosphonic acid, [1-hydroxy-2-(3-pyridinyl)ethylidene]bis-, monosodium salt (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Actonel  
CN NE 58095  
CN **Risedronate sodium**  
CN Risedronic acid monosodium salt  
DR 122458-82-6  
MF C7 H11 N O7 P2 . Na  
CI COM  
SR US Adopted Names Council  
LC STN Files: ADISINSIGHT, ADISNEWS, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CBNB, CEN, CHEMCATS, CIN, DDFU, DIOGENES, DRUGPAT, DRUGU, DRUGUPDATES, EMBASE, IPA, MEDLINE, MRCK\*, PHAR, PROMT, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
(\*File contains numerically searchable property data)  
CRN (105462-24-6)



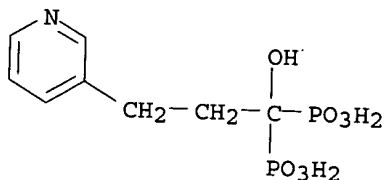
● Na



● Na

34 REFERENCES IN FILE CA (1937 TO DATE)  
34 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L8 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 104261-69-0 REGISTRY  
CN Phosphonic acid, [1-hydroxy-3-(3-pyridinyl)propylidene]bis- (9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN **Homorisedronate**  
CN NE 58051  
FS 3D CONCORD  
MF C8 H13 N O7 P2  
CI COM  
SR CA  
LC STN Files: BIOSIS, CA, CANCERLIT, CAPLUS, MEDLINE, TOXCENTER, USPATFULL

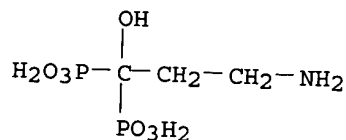


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

14 REFERENCES IN FILE CA (1937 TO DATE)  
14 REFERENCES IN FILE CAPLUS (1937 TO DATE)



L6 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 109552-15-0 REGISTRY  
 CN Phosphonic acid, (3-amino-1-hydroxypropylidene)bis-, disodium salt, pentahydrate (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN **Disodium pamidronate pentahydrate**  
 MF C3 H11 N O7 P2 . 5 H2 O . 2 Na  
 SR US Adopted Names Council  
 LC STN Files: ADISINSIGHT, ANABSTR, BIOSIS, CA, CAPLUS, CBNB, DRUGPAT, DRUGUPDATES, IPA, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 CRN (40391-99-9)

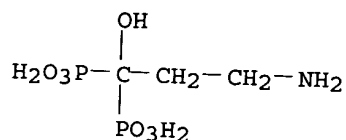


● 2 Na

● 5 H<sub>2</sub>O

4 REFERENCES IN FILE CA (1937 TO DATE)  
 4 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L6 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 57248-88-1 REGISTRY  
 CN Phosphonic acid, (3-amino-1-hydroxypropylidene)bis-, disodium salt (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 3-Amino-1-hydroxypropane-1,1-diphosphonic acid disodium salt  
 CN Aminomux  
 CN APD  
 CN Aredia  
 CN CGP 23339A  
 CN CGP 23339AE  
 CN Disodium 3-amino-1-hydroxypropane-1,1-diphosphonate  
 CN **Disodium pamidronate**  
 CN **Pamidronate disodium**  
 CN Pamidronic acid disodium salt  
 MF C3 H11 N O7 P2 . 2 Na  
 CI COM  
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CHEMLIST, CIN, CSCHM, DIOGENES, DRUGPAT, DRUGUPDATES, EMBASE, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK\*, PHAR, PHARMASEARCH, PROMT, RTECS\*, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 CRN (40391-99-9)



● 2 Na

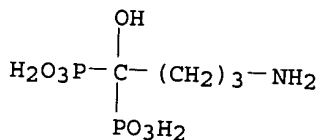
110 REFERENCES IN FILE CA (1937 TO DATE)  
111 REFERENCES IN FILE CAPLUS (1937 TO DATE)

=> d 17 1-8

L7 ANSWER 1 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 185960-02-5 REGISTRY  
CN Phosphonic acid, (4-amino-1-hydroxybutylidene)bis-, disodium salt, hydrate  
(2:1) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **Disodium alendronate hemihydrate**  
MF C4 H13 N O7 P2 . 1/2 H2 O . 2 Na  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL  
CRN (66376-36-1)



● 2 Na

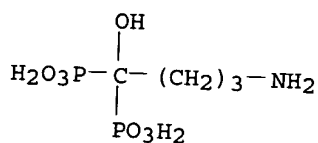
● 1/2 H<sub>2</sub>O

1 REFERENCES IN FILE CA (1937 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L7 ANSWER 2 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 185960-00-3 REGISTRY  
CN Phosphonic acid, (4-amino-1-hydroxybutylidene)bis-, disodium salt, trihydrate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **Disodium alendronate trihydrate**  
MF C4 H13 N O7 P2 . 3 H2 O . 2 Na  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL  
CRN (66376-36-1)



●2 Na

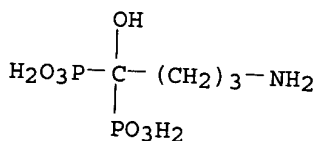
●3 H<sub>2</sub>O

2 REFERENCES IN FILE CA (1937 TO DATE)  
2 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L7 ANSWER 3 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 185959-99-3 REGISTRY  
CN Phosphonic acid, (4-amino-1-hydroxybutylidene)bis-, disodium salt, pentahydrate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **Disodium alendronate pentahydrate**  
MF C4 H13 N O7 P2 . 5 H2 O . 2 Na  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL  
CRN (66376-36-1)



●2 Na

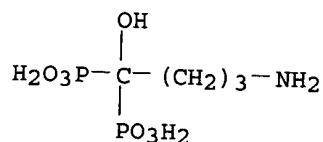
●5 H<sub>2</sub>O

1 REFERENCES IN FILE CA (1937 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L7 ANSWER 4 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 185959-98-2 REGISTRY  
CN Phosphonic acid, (4-amino-1-hydroxybutylidene)bis-, disodium salt, monohydrate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN **Disodium alendronate monohydrate**  
MF C4 H13 N O7 P2 . H2 O . 2 Na  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL  
CRN (66376-36-1)



● 2 Na

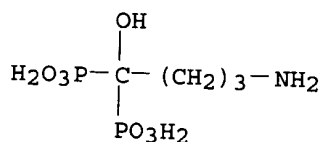
● H<sub>2</sub>O

3 REFERENCES IN FILE CA (1937 TO DATE)  
3 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L7 ANSWER 5 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 134606-40-9 REGISTRY  
CN Phosphonic acid, (4-amino-1-hydroxybutylidene)bis-, disodium salt (9CI)  
(CA INDEX NAME)

OTHER NAMES:

CN Alendronic acid disodium salt  
CN **Disodium alendronate**  
MF C4 H13 N O7 P2<sup>-</sup>. 2 Na  
SR CA  
LC STN Files: CA, CAPLUS, DRUGPAT, DRUGUPDATES, USPATFULL  
CRN (66376-36-1)



● 2 Na

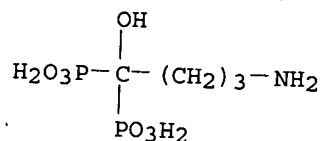
7 REFERENCES IN FILE CA (1937 TO DATE)  
7 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L7 ANSWER 6 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 129318-43-0 REGISTRY  
CN Phosphonic acid, (4-amino-1-hydroxybutylidene)bis-, monosodium salt (9CI)  
(CA INDEX NAME)

OTHER NAMES:

CN 4-Amino-1-hydroxybutylidene-1,1-bisphosphonic acid monosodium salt  
CN Alend  
CN **Alendronate sodium**  
CN Bifosa  
CN Eucalen  
CN Fosalan  
CN Fosamax  
CN Indrol  
CN Mavil  
CN MK 217  
CN **Monosodium alendronate**  
CN NeoBon  
CN Osteovan

MF C4 H13 N O7 P2 . Na  
 SR CA  
 LC STN Files: ADISNEWS, ANABSTR, BIOBUSINESS, BIOSIS, CA, CAPLUS, CASREACT, CBNB, CEN, CHEMCATS, CIN, DIOGENES, DRUGPAT, DRUGUPDATES, PHAR, PHARMASEARCH, PROMT, RTECS\*, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 CRN (66376-36-1)



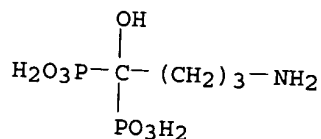
● Na

118 REFERENCES IN FILE CA (1937 TO DATE)  
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 118 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L7 ANSWER 7 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 121268-17-5 REGISTRY  
 CN Phosphonic acid, (4-amino-1-hydroxybutylidene)bis-, monosodium salt, trihydrate (9CI) (CA INDEX NAME)

OTHER NAMES:

CN Alendronate monosodium trihydrate  
 CN Alendronate sodium hydrate  
 CN Bonalon  
 CN Sodium alendronate hydrate  
 MF C4 H13 N O7 P2 . 3 H2 O . Na  
 SR US Adopted Names Council  
 LC STN Files: ADISINSIGHT, ANABSTR, BIOSIS, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, CSCHEM, DRUGPAT, DRUGUPDATES, IPA, MRCK\*, PHAR, RTECS\*, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 CRN (66376-36-1)

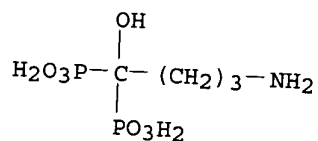


● Na

● 3 H<sub>2</sub>O

51 REFERENCES IN FILE CA (1937 TO DATE)  
 51 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L7 ANSWER 8 OF 8 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 66376-36-1 REGISTRY  
 CN Phosphonic acid, (4-amino-1-hydroxybutylidene)bis- (9CI) (CA INDEX NAME)  
 OTHER NAMES:  
 CN 4-Amino-1-hydroxybutane-1,1-diphosphonate  
 CN 4-Amino-1-hydroxybutane-1,1-diphosphonic acid  
 CN 4-Amino-1-hydroxybutane-1,1-diylidiphosphonic acid  
 CN 4-Amino-1-hydroxybutylidene-1,1-bis(phosphonic acid)  
 CN ABDP  
 CN **Alendronate**  
 CN Alendronic acid  
 FS 3D CONCORD  
 MF C4 H13 N O7 P2  
 CI COM  
 LC STN Files: ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*,  
 BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CANCERLIT, CAPLUS, CASREACT, CBNB,  
 CHEMCATS, CIN, CSCHM, DDFU, DIOGENES, DRUGNL, DRUGPAT, DRUGU,  
 DRUGUPDATES, EMBASE, IPA, MEDLINE, MRCK\*, PROMT, RTECS\*, SYNTHLINE,  
 TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: WHO



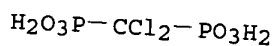
**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

774 REFERENCES IN FILE CA (1937 TO DATE)  
 32 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 779 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L3 ANSWER 1 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 88416-50-6 REGISTRY  
CN Phosphonic acid, (dichloromethylene)bis-, disodium salt, tetrahydrate  
(9CI) (CA INDEX NAME)

OTHER NAMES:

CN **Disodium clodronate tetrahydrate**  
MF C H4 Cl2 O6 P2 . 4 H2 O . 2 Na  
LC STN Files: BIOSIS, CA, CAPLUS, MRCK\*  
(\*File contains numerically searchable property data)  
CRN (10596-23-3)



●2 Na

●4 H2O

5 REFERENCES IN FILE CA (1937 TO DATE)  
5 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L3 ANSWER 2 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 22560-50-5 REGISTRY  
CN Phosphonic acid, (dichloromethylene)bis-, disodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Phosphonic acid, (dichloromethylene)di-, disodium salt (8CI)

OTHER NAMES:

CN (Dichloromethylene)diphosphonate disodium  
CN BM 06011  
CN Bonefos  
CN Clasteon  
CN **Clodronate disodium salt**  
CN **Clodronate sodium**  
CN Clodronic acid disodium salt  
CN DCLMDP  
CN Dichloromethylenebisphosphonic acid disodium salt  
CN Dichloromethylenediphosphonic acid disodium salt  
CN Difoafonal  
CN Diphosfonal  
CN Disodium (dichloromethane)diphosphonate  
CN Disodium (dichloromethylene)diphosphonate  
CN **disodium clodronate**  
CN Lodronate  
CN Loron  
CN Mebonat  
CN Ossiten  
CN Ostac  
CN Sodium (dichloromethylene)diphosphonate  
CN **Sodium clodronate**  
MF C H4 Cl2 O6 P2 . 2 Na  
LC STN Files: ADISNEWS, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CAPLUS, CBNB, CHEMCATS, CHEMLIST, CSCHM, DRUGPAT, DRUGUPDATES, EMBASE, IPA, MRCK\*, PHAR, PHARMASEARCH, PROMT, RTECS\*, TOXCENTER, USAN, USPATFULL  
(\*File contains numerically searchable property data)  
Other Sources: EINECS\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)  
CRN (10596-23-3)

H<sub>2</sub>O<sub>3</sub>P-CCl<sub>2</sub>-PO<sub>3</sub>H<sub>2</sub>

●2 Na

99 REFERENCES IN FILE CA (1937 TO DATE)  
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
100 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L3 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 10596-24-4 REGISTRY  
CN Phosphonic acid, (dichloromethylene)bis-, tetrasodium salt (9CI) (CA  
INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Phosphonic acid, (dichloromethylene)di-, tetrasodium salt (8CI)  
OTHER NAMES:  
CN **Tetrasodium clodronate**  
CN Tetrasodium dichloromethylenebis(phosphonate)  
MF C H4 Cl2 O6 P2 . 4 Na  
LC STN Files: BEILSTEIN\*, CA, CAOLD, CAPLUS, USPATFULL  
(\*File contains numerically searchable property data)  
CRN (10596-23-3)

H<sub>2</sub>O<sub>3</sub>P-CCl<sub>2</sub>-PO<sub>3</sub>H<sub>2</sub>

●4 Na

5 REFERENCES IN FILE CA (1937 TO DATE)  
5 REFERENCES IN FILE CAPLUS (1937 TO DATE)  
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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L2 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 88394-55-2 REGISTRY

CN Phosphonic acid, (1-hydroxyethylidene)bis-, compd. with  
2,2'-iminobis[ethanol] (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Ethanol, 2,2'-iminobis-, (1-hydroxyethylidene)bis[phosphonate] (salt)  
(9CI)

OTHER NAMES:

CN **Diethanolamine etidronate**

MF C4 H11 N O2 . x C2 H8 O7 P2

LC STN Files: CA, CAPLUS, CHEMLIST, USPATFULL

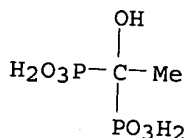
Other Sources: NDSL\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

CM 1

CRN 2809-21-4

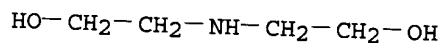
CMF C2 H8 O7 P2



CM 2

CRN 111-42-2

CMF C4 H11 N O2



1 REFERENCES IN FILE CA (1937 TO DATE)

1 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L2 ANSWER 2 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN  
RN 75323-71-6 REGISTRY

CN Phosphonic acid, (1-hydroxyethylidene)bis-, calcium salt (9CI) (CA INDEX  
NAME)

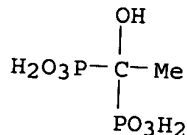
OTHER NAMES:

CN **Calcium etidronate**

MF C2 H8 O7 P2 . x Ca

LC STN Files: CA, CAPLUS, IPA, TOXCENTER, USPATFULL

CRN (2809-21-4)



●x Ca

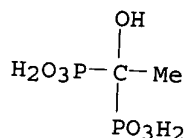
23 REFERENCES IN FILE CA (1937 TO DATE)

23 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L2 ANSWER 3 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 42220-47-3 REGISTRY  
 CN Phosphonic acid, (1-hydroxyethylidene)bis-, compd. with 2-aminoethanol  
 (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Ethanol, 2-amino-, (1-hydroxyethylidene)bis[phosphonate] (salt) (9CI)  
 OTHER NAMES:  
 CN **Monoethanolamine etidronate**  
 MF C2 H8 O7 P2 . x C2 H7 N O  
 LC STN Files: CA, CAPLUS, CHEMLIST, IFICDB, IFIPAT, IFIUDB, USPATFULL  
 Other Sources: NDSL\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)

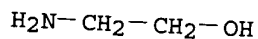
CM 1

CRN 2809-21-4  
 CMF C2 H8 O7 P2



CM 2

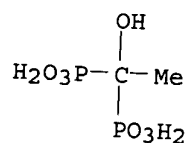
CRN 141-43-5  
 CMF C2 H7 N O



2 REFERENCES IN FILE CA (1937 TO DATE)  
 2 REFERENCES IN FILE CAPLUS (1937 TO DATE)

L2 ANSWER 4 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 7414-83-7 REGISTRY  
 CN Phosphonic acid, (1-hydroxyethylidene)bis-, disodium salt (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Phosphonic acid, (1-hydroxyethylidene)di-, disodium salt (8CI)  
 OTHER NAMES:  
 CN 1-Hydroxyethane-1,1-diphosphonic acid disodium salt  
 CN BA 49280E  
 CN Calcimux  
 CN Didronel  
 CN Didronel R  
 CN Disodium (1-hydroxyethylidene)-1,1-bisphosphonate  
 CN Disodium (1-hydroxyethylidene)-1,1-diphosphonate  
 CN Disodium 1-hydroxy-1,1-ethanediphosphonate  
 CN Disodium 1-hydroxyethane-1-diphosphonate  
 CN Disodium 1-hydroxyethanediphosphonate  
 CN Disodium 1-hydroxyethylidenediphosphonate  
 CN Disodium ethane-1-hydroxy-1,1-diphosphonate  
 CN Disodium ethane-1-hydroxy-1,1-diphosphonic acid  
 CN Disodium ethanol-1,1-diphosphonate  
 CN Disodium ethydrionate

CN Disodium etidronate  
 CN Etidron  
 CN Etidronate disodium  
 CN Etidronic acid disodium salt  
 CN Fostex NZ 2  
 CN Ostedron  
 CN Sequion 10Na2  
 CN Sodium ethane-1-hydroxy-1,1-diphosphonate  
 CN Sodium ethidronate  
 CN Sodium ethydronate  
 CN Sodium etidronate  
 CN Turpinal 2NZ  
 DR 187285-10-5  
 MF C2 H8 O7 P2 . 2 Na  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CBNB, CHEMCATS, CHEMLIST, CIN, DIOGENES, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MRCK\*, NIOSHTIC, PHAR, PHARMASEARCH, PROMT, RTECS\*, TOXCENTER, USAN, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: EINECS\*\*, NDSL\*\*, TSCA\*\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 CRN (2809-21-4)



● 2 Na

337 REFERENCES IN FILE CA (1937 TO DATE)  
 8 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 337 REFERENCES IN FILE CAPLUS (1937 TO DATE)  
 1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

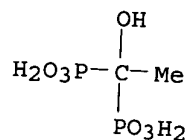
L2 ANSWER 5 OF 5 REGISTRY COPYRIGHT 2003 ACS on STN  
 RN 3794-83-0 REGISTRY  
 CN Phosphonic acid, (1-hydroxyethylidene)bis-, tetrasodium salt (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Phosphonic acid, (1-hydroxyethylidene)di-, tetrasodium salt (8CI)  
 OTHER NAMES:  
 CN 1-Hydroxyethane-1,1-diphosphonic acid tetrasodium salt  
 CN 1-Hydroxyethylidene-1,1-diphosphonic acid tetrasodium salt  
 CN Defloc EN 43  
 CN Dequest 2016  
 CN DQ 2016  
 CN Sequion 10Na4  
 CN SHEDN  
 CN Tarpinel 4NL  
 CN Tetrasodium (1-hydroxyethylidene)bis[phosphonate]  
 CN Tetrasodium 1-hydroxy-1,1-ethanediphosphonate  
 CN Tetrasodium etidronate  
 CN Turpinal 4NL  
 DR 104365-97-1, 146437-16-3  
 MF C2 H8 O7 P2 . 4 Na  
 CI COM  
 LC STN Files: BEILSTEIN\*, BIOTECHNO, CA, CAOLD, CAPLUS, CHEMLIST, CSCHM,

EMBASE, IFICDB, IFIPAT, IFIUDB, MSDS-OHS, RTECS\*, TOXCENTER, USPAT2,  
USPATFULL

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)  
CRN (2809-21-4)



●4 Na

- 149 REFERENCES IN FILE CA (1937 TO DATE)
- 1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
- 149 REFERENCES IN FILE CAPLUS (1937 TO DATE)
- 2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)